

Resource Summary Report

Generated by [NIF](#) on Aug 29, 2026

[w\[*\]; 5-HT1A\[Delta5kb\]/CyO,
P{w\[+mC\]=ActGFP}JMR1](#)

RRID:BDSC_27640

Type: Organism

Proper Citation

RRID:BDSC_27640

Organism Information

URL: <https://n2t.net/bdsc:27640>

Proper Citation: RRID:BDSC_27640

Description: Drosophila melanogaster with name w[*]; 5-HT1A[Delta5kb]/CyO, P{w[+mC]=ActGFP}JMR1 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Quan Yuan, University of Pennsylvania & Amita Sehgal, University of Pennsylvania, Perelman School of Medicine

Affected Gene: 5-HT1A, Act5C, Avic\GFP, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 27640

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_27640, BL27640

Organism Name: w[*]; 5-HT1A[Delta5kb]/CyO, P{w[+mC]=ActGFP}JMR1

Record Creation Time: 20240911T222447+0000

Record Last Update: 20260826T175426+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; 5-HT1A[Delta5kb]/CyO, P{w[+mC]=ActGFP}JMR1.

No alerts have been found for w[*]; 5-HT1A[Delta5kb]/CyO, P{w[+mC]=ActGFP}JMR1.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Gowda SBM, et al. (2023) Serotonin distinctly controls behavioral states in restrained and freely moving Drosophila. iScience, 26(1), 105886.

Roy B, et al. (2020) An Unbiased Drug Screen for Seizure Suppressors in Duplication 15q Syndrome Reveals 5-HT1A and Dopamine Pathway Activation as Potential Therapies. Biological psychiatry, 88(9), 698.

He J, et al. (2020) Serotonin transporter dependent modulation of food-seeking behavior. PloS one, 15(1), e0227554.